| Index            | of Claims                                    |    |
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| Application No.   | Applicant(s)   |
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| 09/766,775        | FUSHIMI ET AL. |
| Examiner          | Art Unit       |
| James S McClellan | 3627           |

| <b>v</b> | Rejected | - | (Through numeral)<br>Cancelled | V | Non-Elected  | A | Appeal   | - |
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| =        | Allowed  | + | Restricted                     | ı | Interference | 0 | Objected |   |

| Clain | n        |          |          |          | C        | ate             | <del>,</del> | _        |                 |          | [   | Cla   | im       |  |                 |           |          | ate                  |          |          |          |          | [ | Cli  | aim        | _        | _          |           |  | Date     | -  |           | _        | _ |
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| Ι.    | =        | _        |          | _        |          | $\Box$          |              |          |                 | $\Box$   | ſ   |       | le       |  |                 | T         |          | П                    |          |          |          |          |   |  | al         |          |            |           |  |          |  | $\exists$ |          |   |
| Final | Original | 9/17/04  | 1/6/05   | 8/9/05   | -        | ı               |              |          |                 | - [      | - 1 | Final | Original | Ш  |                 | ١         | l        | - 1                  | ı        |          | 1        | - 1      |   | Final  | Original   |          |            |           | l  |          |  | - 1       | ı        |   |
| 🗓   ; | ٦        | 2        | <b>≱</b> | ZI       | - 1      |                 |              |          | ŀ               | -        | - 1 | ίĪ    | ٦        | Ш  |                 | - 1       | ı        | - 1                  |          |          | - 1      | - 1      |   | Ē  | , ji       |          |            |           |  |          |  |           | - 1      |   |
|       |          | _        |          | _        | ᆜ        |                 |              | Ц        | _               | _        | Ļ   |       |          | Ш  | Ц               | _         | _        | _                    | $\dashv$ | 4        | 1        | ᆚ        |   |  |            |          | Ш          |           | L  | Щ        |  | _         | _        | _ |
|       | 1        | -        |          | 4        | -4       | _               |              | _        | _               | 4        | Ļ   |       | 51       | Ш  | Ц               | 4         | _{       | 4                    | 4        | 4        | 4        | 4        |   |  | 101        |          | Щ          |           |  | Ш        |  | 4         | _        |   |
|       | 2        | 븨        |          | <b>V</b> | _        | _               |              |          | $\dashv$        | 4        | ļ   |       | 52       | Н  | Щ               | 4         | 4        | 4                    | -        | 4        | 4        | 긕        |   |  | 102        |          |            |           | <u> </u>   | Щ        |  | 4         | 4        | _ |
|       | 3        | -        | _        | 7        | 4        | _               |              |          | -               | 4        | ŀ   |       | 53       | Ш  | $\dashv$        | 4         | -        |                      | -        | $\dashv$ | -        | 긕        |   |  | 103        | $\Box$   |            | _         | L  |          |  | -         |          |   |
|       | 5        | •        | 1        | _        |          |                 |              | Н        | $\dashv$        | $\dashv$ | 1   | -     | 54<br>55 | Н  | $\dashv$        |           |          | $\dashv$             | -        | -        | +        | ᅱ        |   |  | 104<br>105 |          |            | _         | -  |          | -  | $\dashv$  | -        | _ |
|       | 6        | +        | _        | 쉬        | $\dashv$ | $\dashv$        |              | $\dashv$ | $\dashv$        | $\dashv$ | ŀ   |       | 56       | Н  | Н               | ┥         |          |                      | -        | -+       | $\dashv$ | ᅱ        |   |  | 105        |          | Н          |           | H  | Н        | $\dashv$   | ┰         | -        | _ |
|       | 7        | ╗        | _        | 7        |          | $\dashv$        |              |          | $\dashv$        | -        | ŀ   |       | 57       | Н  | $\dashv$        | -+        | $\dashv$ | -                    | 十        | -        | $\dashv$ | ᅱ        |   |  | 107        |          | Н          | -         | H  | _        |  | -+        | ᆉ        |   |
|       | 8        | +        | _        | 7        | $\dashv$ | $\dashv$        | $\dashv$     |          | $\dashv$        | $\dashv$ | ŀ   |       | 58       | ┢  | Н               | ┪         | ┪        | -                    | ┪        | +        | 十        | ⊣        |   |  | 108        |          | Н          | -         |  | $\vdash$ |  | -         | ┪        | - |
|       | 9        | ┰        |          | 기        | $\dashv$ | $\dashv$        | $\Box$       | Н        |                 | ┪        | ı   |       | 59       | Н  | $\vdash$        | ┪         | ┪        | 寸                    | ┪        | 7        | 寸        | ᅥ        |   |  | 109        |          | Н          | _         | $\vdash$   | Н        | $\neg$   | ┪         | _        | _ |
|       | 10       | 7        | 1        | 7        | 一        | $\neg$          |              |          |                 | ╛        | ı   |       | 60       | Н  | Н               | ┪         |          | _                    | 7        | 7        | 寸        | _        |   |  | 110        |          |            |           |  | П        |  | ┪         | ┪        |   |
| _     | 11       | •        | 1        | 기        |          | $\neg$          | Н            |          | $\dashv$        | ┪        | t   |       | 61       | 1  | М               |           | $\neg$   |                      | 7        |          | _        | ヿ        |   |  | 111        |          | П          | Г         | Г  | П        | П  | 一         | ┪        |   |
|       | 12       | •        | 1        | V        |          |                 |              | П        |                 | $\neg$   | ı   |       | 62       | П  | П               |           |          |                      | 7        |          |          |          |   |  | 112        |          |            |           |  |          |  | ╗         | ╗        |   |
|       | 13       | ٠        | 1        | <b>√</b> |          |                 |              |          |                 |          | ı   |       | 63       |  |                 |           |          |                      |          |          |          |          | į |  | 113        |          |            |           |  |          |  |           |          |   |
|       | 14       | ٠        | 1        | <b>✓</b> |          |                 |              |          |                 |          | [   |       | 64       |  |                 | $\Box$    |          |                      |          | $\Box$   | $\Box$   |          |   |  | 114        |          |            |           |  |          |  |           |          |   |
|       | 15       | t        |          | V        |          |                 |              |          |                 | $\Box$   |     |       | 65       |  | $\Box$          | $\Box$    |          |                      | $\Box$   | $\Box$   | $\perp$  |          |   |  | 115        |          | Ш          | L         | 匚  |          |  | $\Box$    |          | _ |
|       | 16       | +        |          | $\Delta$ |          |                 |              |          | $\Box$          | $\Box$   | [   |       | 66       | igspace  | Ц               | _         | _        |                      | _        | _[       |          | Ц        |   |  | 116        |          | lacksquare | <u>L</u>  | _  | L        | Ш  | $\Box$    |          |   |
|       | 17       | _        |          | N        | _        | Ш               | Щ            | Ц        | $\sqcup$        | _        |     |       | 67       | <u> </u>   | Ц               |           | _        | Ц                    | _        | _        | _        | ᆚ        |   | <u> </u>   | 117        | Щ        |            | <u> </u>  |  | <u> </u> | Щ  |           | _        |   |
|       | 18       | *        | . 7      |          | _        | Щ               | Щ            | Ш        | $\sqcup$        | _        |     |       | 68       | ⊢  | Щ               | _         | 4        | $\sqcup$             | _        | _        | _        | 4        |   | <u> </u>   | 118        | $\sqcup$ | Щ          | ├         | <b> </b>   | <b> </b> | Ш  | 4         | _        |   |
|       | 19       | _        |          | . <      | _        |                 | Ш            |          | $\vdash$        | 긕        | ŀ   |       | 69       | ┝  | Н               | _         | _        | $\dashv$             | 4        | 4        | -        | 긕        | • | ļ  | 119        |          | _          | <u> </u>  | ⊢  | L        | _  | -4        | _        |   |
|       | 20       | *        |          | N        | $\dashv$ | Н               |              | Н        | $\square$       | ᅱ        | ╌   |       | 70       | ⊢  | Н               | $\dashv$  | $\dashv$ |                      | {        | -        | -        | 긕        |   | <u> </u>   | 120        |          | _          | ┡         | ├  | L        | -  | $\dashv$  | _        |   |
|       | 21<br>22 | ÷        | ZZ       | 7        | _        | _               |              | Н        | $\vdash$        | ႕        | ł   |       | 71<br>72 | ⊢  | Н               | $\dashv$  |          |                      | -        | -        | -+       | ᅱ        |   |  | 121<br>122 |          | H          | ⊢         | ⊢  | H        |  | -         |          |   |
|       | 23       | +        | _        | u        |          | -               |              | Н        | $\vdash$        | ᅱ        | ł   |       | 73       | -  | ├┤              |           | -        | $\dashv$             | -        | $\dashv$ | $\dashv$ | ᅥ        |   | <u> </u>   | 123        | _        | Н          | $\vdash$  | ┢  | -        |  |           | -        | - |
|       | 24       | ₹        | N        | 7        | _        |                 |              |          | $\vdash$        | $\dashv$ | ŀ   |       | 74       | $\vdash$   | Н               |           | -        | Н                    | -        | ᆉ        | _        | ᅥ        |   | ├─   | 124        |          | H          | ├         | ┢  | Н        |  | -         | $\dashv$ | _ |
|       | 25       | Ť        |          | 7        | -        | $\vdash$        |              | Н        | $\vdash$        | ┥        | ŀ   |       | 75       | -  | Н               | $\dashv$  | $\dashv$ | Н                    | ┪        | ᅥ        | 7        | ᅥ        |   | <del>                                     </del> | 125        |          | Н          | -         | <del>                                     </del> | $\vdash$ |  | $\dashv$  | $\dashv$ | _ |
|       | 26       | _        | ~        | •        |          |                 |              | Н        | H               | ┪        | ŀ   |       | 76       | _  | $\vdash$        | -         |          | $\dashv$             | 一        | _        | +        | ヿ        |   | <del>                                     </del> | 126        | _        |            |           | H  | Н        | _  | -         |          |   |
|       | 27       |          |          |          |          |                 |              |          |                 | ᅦ        | ŀ   | -     | 77       |  | Н               |           |          | _                    | _        | _        | 7        | ┪        |   | <u> </u>   | 127        |          | H          | Т         | ✝  | T        |  |           |          |   |
|       | 28       | _        |          |          |          |                 |              |          | $\Box$          | ヿ        | ı   |       | 78       | $\vdash$   | $\vdash$        |           |          | $\neg$               | 一        | ┪        | 7        | ╗        |   |  | 128        |          |            | _         | 1  |          |  | T         |          |   |
|       | 29       |          |          |          |          |                 |              |          |                 | ╗        | Ī   |       | 79       | Π  | П               |           |          | $\Box$               |          |          | $\neg$   | ╗        |   |  | 129        |          |            |           | T  |          |  |           |          |   |
|       | 30       |          |          |          |          |                 |              |          |                 |          |     |       | 80       |  | П               |           |          |                      | $\neg$   |          | コ        |          |   |  | 130        |          |            |           |  |          |  |           |          |   |
|       | 31       |          |          |          |          |                 |              |          |                 |          |     |       | 81       |  |                 |           |          |                      |          |          |          |          |   |  | 131        |          |            |           |  |          |  |           |          |   |
|       | 32       |          |          |          |          |                 |              |          |                 | $\Box$   | [   |       | 82       |  | Ш               |           |          | Ш                    |          | $\Box$   | $\Box$   |          |   |  | 132        |          |            | 匚         | 匚  |          |  |           |          |   |
|       | 33       |          | Ш        | Ш        |          | Ш               | Ш            | Ш        | Ш               |          |     |       | 83       | $oldsymbol{oldsymbol{\sqcup}}$                   | Ш               | Ц         |          | L.J                  |          |          | _        | _        |   |  | 133        |          | Ш          | _         | _  | Щ        |  | Ш         | _        | _ |
|       | 34       | _        | Щ        |          | $\Box$   | Щ               | Ш            | Ш        | Ц               | _        |     |       | 84       | _  | Ш               |           | Ц        | Щ                    | _        | _        | -        | ᆜ        |   | <u> </u>   | 134        | Ш        | Ш          | <b>—</b>  | $\vdash$   | <b>—</b> | L_   | $\dashv$  | _        |   |
| ++    | 35       | _        | Н        | Щ        |          | Ш               | Н            | Н        | ${oxdot}$       | 4        |     |       | 85       | -  | $\vdash \vdash$ | $\square$ |          | ⊢                    | _        | _        | 4        | 4        |   |  | 135        | Ш        |            | -         | -  | <b> </b> | <u> </u>   | $\dashv$  |          | _ |
|       | 36       | _        | Н        | _        |          | Н               | Щ            | Ш        | $\vdash \vdash$ |          |     |       | 86       | $\vdash$   | Н               | $\vdash$  | _        | $\vdash \vdash$      | -        |          |          | 4        |   | <u> </u>   | 136        | Н        | Н          | $\vdash$  | -  | $\vdash$ | $\vdash$   | $\dashv$  |          | _ |
|       | 37<br>38 | $\dashv$ |          | $\dashv$ |          | _               | Щ            | $\vdash$ | dash            | $\dashv$ | }   |       | 87       | Н  | Н               | $\dashv$  | $\dashv$ | $\vdash$             | 4        |          | -        | ᅱ        |   | <u> </u>   | 137<br>138 | $\vdash$ | $\vdash$   | -         | $\vdash$   | $\vdash$ | $\vdash$   | $\dashv$  | -        | _ |
|       | 38<br>39 | $\dashv$ | Н        | Н        |          | Н               | Н            | Н        | ⊢┤              | $\dashv$ | }   |       | 88<br>89 | Η.   | $\vdash$        |           | $\dashv$ | ${oldsymbol{arphi}}$ | -        | {        |          | $\dashv$ |   | <del> </del>                                     | 138        | $\vdash$ | $\vdash$   | ⊢         | $\vdash$   | H        | $\vdash$   |           |          |   |
|       | 40       |          | $\dashv$ | $\dashv$ |          | $\vdash$        | H            | Н        | ┝╌┤             | ᅱ        | ŀ   |       | 90       | ⊢  | Н               | $\dashv$  | $\dashv$ | $\vdash$             | ┥        | ┥        | +        | ᅱ        |   |  | 140        | $\vdash$ | $\vdash$   | ⊢         | $\vdash$   | ⊢        | $\vdash$   |           | -        |   |
|       | 41       | Н        | $\dashv$ | Н        | $\vdash$ | $\vdash \vdash$ | Н            | H        | $\vdash \vdash$ | $\dashv$ | ł   |       | 91       | ╁  | Н               | $\dashv$  | $\dashv$ | $\vdash$             | ┥        | $\dashv$ | -        | ᅱ        |   |  | 141        | ┢        | $\vdash$   | ┢         | <del>                                     </del> | ┢        |  |           | ⊣        | - |
| _     | 42       | Н        | -        |          |          | $\vdash$        |              | Н        | H               | $\dashv$ | ŀ   |       | 92       | ╁  | $\vdash$        | $\dashv$  | $\dashv$ | $\vdash \vdash$      | -        | -        | $\dashv$ | $\dashv$ |   | <u> </u>   | 142        | $\vdash$ | Н          | 1         | $\vdash$   | $\vdash$ | <del>                                     </del> | Н         | -        | - |
|       | 43       | $\dashv$ | $\dashv$ | Н        | $\dashv$ | Н               |              | Н        | H               | ᅥ        | ŀ   |       | 93       | 一  | $\vdash$        | $\dashv$  | $\dashv$ | $\dashv$             | $\dashv$ | +        | 一        | $\dashv$ |   | -  | 143        | $\vdash$ | Н          | Н         | Н  | Н        | $\vdash$   | Н         | _        |   |
|       | 44       | T        |          |          |          | $\vdash$        |              | Н        | H               | ┨        | ŀ   |       | 94       | <del>                                     </del> | Н               |           |          | $\vdash$             | $\dashv$ | ┪        | 7        | $\dashv$ |   |  | 144        |          | М          |           | T  | Г        | <b>—</b>   |           |          |   |
|       | 45       | _        | $\dashv$ | Н        | $\dashv$ | $\Box$          |              | H        | Н               | $\dashv$ | ł   |       | 95       | Т  | П               | П         |          | П                    | $\neg$   | ┪        | 7        |          |   |  | 145        |          | П          | $\vdash$  | T  | 1        | Г  |           |          | _ |
| 1     | 46       |          | $\dashv$ | $\neg$   | $\neg$   | П               |              | П        | $\Box$          | $\neg$   | ı   |       | 96       |  |                 | $\Box$    |          |                      | $\neg$   | ┪        |          |          |   |  | 146        |          |            |           |  |          |  |           |          |   |
| 1     | 47       |          |          |          |          |                 |              |          |                 | J        | Ì   |       | 97       |  |                 |           |          |                      |          | 一        | 丁        |          |   |  | 147        |          |            |           |  | L        |  |           |          |   |
|       | 48       |          |          |          |          |                 |              |          |                 |          | [   |       | 98       |  |                 |           |          |                      |          |          | $\Box$   |          |   |  | 148        |          |            | $\square$ |  |          |  |           |          |   |
|       | 49       |          |          |          |          |                 |              |          | $\square$       |          | [   |       | 99       | $\Box$   |                 |           |          |                      | $\Box$   |          | J        |          |   |  | 149        |          |            |           | 匚  | 匚        |  |           |          |   |
| :     | 50       |          |          |          |          |                 |              |          | $\Box$          | $\Box$   | [   |       | 100      |  |                 |           |          |                      |          | $\Box$   | $\Box$   | ╝        |   |  | 150        | L        | لبا        | L         | L  | 匚        |  |           |          |   |